

INTERNATIONAL SEARCH REPORT

Inter. Application No
PCT/IB2005/050474

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03/030459 A (XTREMESPECTRUM, INC; MONTANO, SERGIO, T; SHVODIAN, WILLIAM, M; ODMAN,) 10 April 2003 (2003-04-10) page 2, line 26 - page 3, line 19 page 5, line 1 - line 23 page 6, line 7 - line 27 page 11, line 22 - page 12, line 6 figures 3,5	1,56-60
A	EP 1 206 070 A (SHARP KABUSHIKI KAISHA) 15 May 2002 (2002-05-15) column 5, paragraph 22 - paragraph 23 column 6, paragraph 27 - column 7, paragraph 33 ----- -/--	1-4, 56-60

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

19 May 2005

Date of mailing of the international search report

30/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EUN-SUN JUNG ET AL: "An energy efficient MAC protocol for wireless LANs" PROCEEDINGS IEEE INFOCOM 2002. THE CONFERENCE ON COMPUTER COMMUNICATIONS. 21ST. ANNUAL JOINT CONFERENCE OF THE IEEE COMPUTER AND COMMUNICATIONS SOCIETIES. NEW YORK, NY, JUNE 23 - 27, 2002, PROCEEDINGS IEEE INFOCOM. THE CONFERENCE ON COMPUTER COMMUNICATIONS, vol. VOL. 1 OF 3. CONF. 21, 23 June 2002 (2002-06-23), pages 1756-1764, XP010593744 ISBN: 0-7803-7476-2 chapters I, II and IV -----	1-4, 56-60
A	US 2003/163579 A1 (KNAUERHASE ROBERT C ET AL) 28 August 2003 (2003-08-28) page 1, paragraph 16 page 2, paragraphs 21, 22, 27 -----	1, 56-60

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